Multiple Alleles Investigation:

Bloody Mysteries

**You are a lawyer for the following:**

Mr. Cash died and left all of his money to his two children. Because of Mr. Cash’s prominent role in society, his death made headlines. Shortly after, a young man named Charlie, who claims to be Mr. Cash’s long lost son arrives and demands his share of the inheritance. Mr. Cash’s two children and their lawyers are skeptical and refuse this young man the money, so he sues. The judge orders blood tests for all of the family. Mr. Cash’s blood type, as it appears on his hospital records, is B. His wife had blood type AB. One of Mr. Cash’s sons was blood type AB and the other one was A. The young man claiming to be a long lost son had blood type O. Based on the blood tests, prove to the judge whether or not Charlie could be a child of Mr. Cash. Create a case (1 paragraph) defending your conclusion. Determine the genotypes for each individual involved, and use at least two Punnett Squares as evidence.